

# **S-2T AIRTANKER**



## **MANUFACTURER**

Grumman Aerospace, Bethpage, New York.

## **ORIGINAL OWNER**

U.S. Navy, 1954-1972; The S-2E/G carrier-based anti-submarine warfare airplane.

## **ACQUIRED BY CDF**

In 1996, CDF acquired 26 S-2E/G planes from the Department of Defense. CDF is converting the planes to a fire fighting configuration and fitting them with modern, powerful turboprop engines. There will be eight S-2Ts ready for service by the 2000 Fire Season. The completely reconditioned S-2Ts are faster, safer, more maneuverable, and carry a larger retardant payload than the S-2A airtankers CDF has used since the 1970s. The S-2T airtanker is part of CDF's air program modernization efforts that will result in the safest and most efficient mix of aircraft to carry-out the fire fighting mission. A combination of S-2Ts and S-2As will be used by CDF in the next few years until a total of 23 S-2Ts replace all of the older S-2As by the 2004 Fire Season.

## **MISSION**

CDF uses the S-2T and S-2 airtankers for fast initial attack delivery of fire retardant on wildland fires.

## **CREW**

One pilot

## **PAYLOAD**

1,200 gallons long-term fire retardant

## **SPECIFICATIONS**

**GROSS WEIGHT:** 29,150 pounds  
**MAXIMUM SPEED:** Unknown  
**CRUISE SPEED:** 305 mph  
**ENDURANCE:** 4.5 hours  
**WING SPAN:** 79 feet  
**ENGINES:** Two (2) Garrett TPE331-14GR turbine engines.  
(1,650 horsepower each).



**February 2000**  
**[www.fire.ca.gov](http://www.fire.ca.gov)**